

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
21 May 2004 (21.05.2004)

PCT

(10) International Publication Number  
**WO 2004/042667 A3**

(51) International Patent Classification<sup>7</sup>: **G08B 13/194**,  
15/00

MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC,  
SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA,  
UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(21) International Application Number:  
PCT/GB2003/004691

(22) International Filing Date: 30 October 2003 (30.10.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
0226002.4 7 November 2002 (07.11.2002) GB

(84) Designated States (*regional*): ARIPO patent (BW, GH,  
GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),  
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,  
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE,  
SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA,  
GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**

- with international search report
- before the expiration of the time limit for amending the  
claims and to be republished in the event of receipt of  
amendments

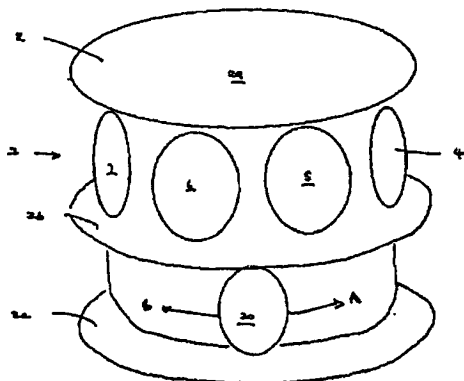
(71) Applicant: **WQS LTD.** [GB/GB]; P.O. Box 665, Mudoch  
Chambers, South Quay, Douglas, Isle of Man IM99 2TR  
(GB).

(88) Date of publication of the international search report:  
23 September 2004

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,  
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,  
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,  
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,

*For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.*

(54) Title: **SURVEILLANCE DEVICE**



(57) Abstract: A surveillance device has a support secured to a structure, a first image collection device secured to the support, a second image collection device and a servo motor, the second image collection device being moveable with respect to the support by the servo motor, the second image collection device having an optical axis whereby the servo motor is constructed and arranged to regulate the direction of the optical axis of the second image collection device. Inherent intelligence in the device or in a remote computer is used to direct the servo motor in accordance with algorithms recognising and analysing motion in the area being monitored by first image collection device.

WO 2004/042667 A3

# INTERNATIONAL SEARCH REPORT

International Application No.

PCT/GB 03/04691

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G08B13/194 G08B15/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G08B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 215 519 B1 (GLUCKMAN JOSHUA M ET AL) 10 April 2001 (2001-04-10)  abstract column 2, line 64 - column 5, line 31 column 8, lines 30-34; figures 1-15	1-5, 9, 10, 14, 18, 19
A	US 2002/030740 A1 (ROSEN GILAD ET AL) 14 March 2002 (2002-03-14) paragraph '0026! - paragraph '0033!; figures 1-5	11-13

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

\*A\* document defining the general state of the art which is not considered to be of particular relevance

\*E\* earlier document but published on or after the international filing date

\*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*G\* document member of the same patent family

Date of the actual completion of the international search

1 April 2004

Date of mailing of the international search report

29.07.2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Wright, J

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/GB 03/04691

## Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

see annex

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

**FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210**

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-15, 18,19

Surveillance device in which a fixed camera controls a moveable camera in order to give a more detailed view of a moving object.

---

2. claims: 16,17, 18,19 when dependent on 16 or 17

Surveillance structure, details of mounting motor driven cameras.

---

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB 03/04691

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6215519	B1	10-04-2001	AU 2781499 A 20-09-1999 WO 9945511 A1 10-09-1999
US 2002030740	A1	14-03-2002	US 6330025 B1 11-12-2001 AU 765857 B2 02-10-2003 AU 4311200 A 21-11-2000 DE 1181808 T1 28-05-2003 EP 1181808 A2 27-02-2002 WO 0069161 A2 16-11-2000